

CLAIMS

1. A transfer sheet, including:
a carrier sheet;
5 a colored pattern printed on a surface of said carrier sheet using at least one digitally controlled color printer; and
a layer of white colored material printed over at least the colored pattern using the digitally controlled color printer.

- 10 2. A transfer sheet **according to claim 1**, further including a layer of glue positioned over at least said layer of white colored material.

- 15 3. A transfer sheet **according to claim 1**, wherein said white colored material includes an adhesive.

- 20 4. A transfer sheet **according to claim 1**, wherein said colored pattern includes:
a first layer of colored material; and
a second layer of colored material with said first layer of
25 colored material being of a different color than said second layer of colored material.

- 25 5. A transfer sheet **according to claim 4**, wherein said first layer and said second layer are printed on said carrier sheet at least partially in superimposed registration with one another.

6. A transfer sheet **according to claim 5**, wherein said layer of white colored material is printed over said first layer and said second layer.

5 7. A transfer sheet **according to claim 2**, wherein said layer of glue includes a heat activatable thermoplastic polymeric glue.

10 8. A transfer sheet **according to claim 7**, wherein said layer of glue is printed over said layer of white colored material by using the digitally controlled color printer.

9. A transfer sheet **according to claim 1**, wherein said layer of white colored material includes a toner material.

15 10. A transfer sheet **according to claim 1**, further including a transparent layer printed on the surface of said carrier sheet with said colored pattern being printed thereover.

20 11. An apparatus for transferring a colored pattern from a carrier sheet to a final support material, including at least one digitally controlled color printer for printing the colored pattern on a surface of the carrier sheet, said printer printing a white colored material over at least the colored pattern.

25 12. An apparatus **according to claim 11** further including a glue applicator, associated with said printer, for depositing a layer of glue over at least the layer of white colored material.

13. An apparatus **according to claim 11**, wherein said white colored material includes an adhesive.

14. An apparatus **according to claim 11**, wherein said 5 printer prints a first layer of colored material on the surface of the carrier sheet and a second layer of colored material with the first layer of colored material being of a different color than the second layer of colored material.

15. An apparatus **according to claim 14**, wherein said printer 10 prints the first layer and the second layer at least partially in superimposed registration with one another on the carrier sheet.

16. An apparatus **according to claim 15**, wherein said 15 printer prints the layer of white colored material at least over the first layer and the second layer.

17. An apparatus **according to claim 12**, wherein said glue applicator includes a digitally controlled printing station, associated with said printing machine, for depositing the layer of glue over the layer of 20 white colored material.

18. An apparatus **according to claim 11**, wherein said printer includes an electrophotographic printing machine.

25 19. An apparatus **according to claim 11**, wherein said printer includes an ink jet printing machine.

20. An apparatus **according to claim 11**, wherein the glue being deposited by said glue applicator includes a heat activatable thermoplastic polymeric glue.

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21. An apparatus **according to claim 11**, further including:

a device, associated with said printer, for advancing the final support material into registration with the layer of glue on the carrier sheet; and

10 a transfer device, positioned to receive the carrier sheet having the final support material in registration therewith, for applying energy to at least said carrier sheet to transfer and adhere the white colored material having the colored pattern thereon to the final support material.

22. An apparatus **according to claim 21**, wherein the energy

15 being applied by said transfer device includes heat.

23. An apparatus **according to claim 21**, wherein the energy being applied by said transfer device includes pressure.

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24. An apparatus **according to claim 21**, wherein the final support material includes a fabric.

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25. An apparatus **according to claim 11**, wherein said digitally controlled color printer prints a transparent layer on the surface of the carrier sheet with the colored pattern being printed thereover.

26. A method of transferring a colored pattern from a carrier sheet to a final support material, including:

5 using at least one digitally controlled printer to print the colored pattern on a surface of the carrier sheet; and

printing a white colored material over at least the colored pattern with the digitally controlled printer.

27. A method **according to claim 26**, further including
10 applying a layer of glue over the layer of white colored material to form an outer layer.

28. A method **according to claim 26**, wherein the white colored material includes an adhesive.

15 29. A method **according to claim 26**, said step of using includes:

printing a first layer of colored material on the surface of the carrier sheet; and

20 printing a second layer of colored material with said first layer of colored material being of a different color than said second layer of colored material.

30. A method **according to claim 29**, wherein said step of using includes printing the first layer and the second layer at least partially in superimposed registration with one another.

31. A method **according to claim 30**, wherein said step of printing includes printing the white colored material at least partially in superimposed registration with the first layer and the second layer.

5 32. A method **according to claim 27**, wherein said step of applying includes using the digitally controlled printer to print the layer of glue over the layer of white colored material.

10 33. A method **according to claim 27**, wherein said step of applying includes applying a heat activatable thermoplastic polymeric glue.

34. A method **according to claim 26**, wherein said step of using includes using an electrophotographic printing machine.

15 35. A method **according to claim 34**, step of using an electrophotographic printing machine includes printing the colored pattern with a colored toner material.

20 36. A method **according to claim 26**, wherein said step of printing includes printing the white colored material with a white toner material.

37. A method **according to claim 26**, wherein said step of using includes using an ink jet printing machine.

38. A method **according to claim 27**, further including:
advancing the final support material into registration with the
layer of glue on the carrier sheet; and
5 applying energy to at least the carrier sheet to transfer and
adhere the white colored material having the colored pattern to the final
support material.

39. A method **according to claim 38**, wherein said energy
10 applying step includes applying heat.

40. A method **according to claim 38**, wherein said energy
applying step includes applying pressure.